## MODELS

**Compaq ProLiant Cluster/S100**
*340673-B21*
*340673-291*

Compaq ProLiant Cluster/S100 provides high availability for applications and data in business-critical environments. The Compaq ProLiant Cluster is a hardware and software solution targeted at any customer installation with significant uptime requirements.

## DESCRIPTION

The Compaq ProLiant Cluster/S100 is a two node cluster solution which provides high availability for applications and data in a business- critical environment.

The Compaq ProLiant Cluster/S100 takes full advantage of Compaq industry-leading server products and SCSI-based storage systems in conjunction with Compaq SMART-2 Array controllers for hardware RAID. The Compaq ProLiant Cluster/S100 utilizes the proven technology inherent in the Recovery Server Option (RSO) switch along with Microsoft Cluster Server (MSCS) software and Compaq enabling software to provide this high availability cluster solution.

The Compaq ProLiant Cluster/S100 Kit provides the essential software, cabling and documentation components required to cluster and manage a wide range of servers, with SMART-2 Array controllers and external storage systems in a highly available configuration, managed by MSCS (ordered separately).

## STANDARD FEATURES

### High Availability at a Minimum Cost

The Compaq ProLiant Cluster/S100 provides high availability for applications and data in a business-critical environment. Because it is built from industry-standard components, The Compaq ProLiant Cluster/S100 can be implemented at a much lower cost than traditional proprietary cluster solutions without compromising availability. The Compaq ProLiant Cluster/S100 utilizes Compaq industry-leading servers, reliable Compaq ProLiant Storage Systems, proven RSO switches, along with industry-standard cluster management software to provide an integrated high availability solution.

### Investment Protection

Both existing and new Compaq servers and storage systems are certified in the Compaq ProLiant Cluster/S100 configurations. This means that customers can achieve high availability systems through clusters which are assembled using their existing servers, storage and SMART-2 Array controllers and a mix of old and new servers.

### Integrated Solutions

Compaq ProLiant Clusters integrate hardware and software to provide a total solution for business-critical environments. Compaq servers, interconnect, ProLiant Storage Systems, Microsoft and Compaq software, and Compaq integration documentation have all been thoroughly tested in cluster configurations. Compaq's close relationship with application partners has resulted in the development

### Integrated Solutions *(cont'd)*

of cluster applications Technotes to assist in the rapid deployment of major business applications and database products on Compaq ProLiant Clusters.

### Cluster Management

The Compaq ProLiant Cluster/S100 configurations include Compaq Setup Utility software to enable rapid installation and cluster verification, configuration and deployment throughout the Enterprise.

## COMPONENTS

### The Compaq ProLiant Cluster/S100 Kit

12′ Ethernet Crossover Cable
Compaq ProLiant Cluster Series S Model 100 User Guide
Compaq ProLiant Cluster S/100 Software
TechNotes:

- Microsoft IIS 3.0 Service Failover Using MSCS
- Microsoft IIS 3.0 Resource Failover Using MSCS
- Microsoft File and Print Service Failover Using MSCS

### Servers

All models of the Compaq ProLiant 850R, 1500, 1600, 2500, 3000, 4500, 5000, 5500, 6500 and 7000 servers are supported in a cluster. Check www.compaq.com for the latest list of supported servers and storage combinations.

### Interconnect

Compaq strongly recommends the use of a private network connection between cluster nodes. In a two node cluster Compaq recommends Ethernet, an Ethernet crossover cable is included in the Compaq ProLiant Cluster/S100 Kit for this purpose. Compaq ServerNet is also an acceptable interconnect. See Compaq ServerNet PCI Adapter QuickSpec for ordering and detail information.

### Storage

The following systems are supported in the ProLiant Cluster/S100 product configuration: Compaq ProLiant Storage Systems, Compaq ProLiant Storage System/F1 and Compaq ProLiant Storage System/U1 with options.

### Software

Compaq ProLiant Cluster/S100 Utility

### Supported Operating System

Microsoft software is not included in the Compaq ProLiant Cluster/S100 Kit. Microsoft NT Server 4.0 Enterprise Edition is required.

## STANDARD FEATURES *(cont'd)*

### Options

Compaq Recovery Server Option (RSO) with firmware revision level 2.0B or higher (U6, reference number 213812-001 on the ROM indicates an upgrade is needed) is a prerequisite to the installation of the Compaq ProLiant Cluster/S100. See server and storage options for the appropriate Recover Server Option for your particular storage system.

Compaq SMART-2 (2e, 2p, SL, DH) Array controllers with firmware 1.94 or higher (Options ROMPaq 2.39 or higher) are required.

CL14U Cluster Rack Kit (347272-B21) is supported.

### The Compaq ProLiant Cluster/S100 Kit

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### Service and Support

Compaq servers and storage systems are protected by Compaq Services including a three-year limited warranty[1], 7x24 hardware technical phone support and on-line support through CompuServ, Prodigy, America Online and the Internet. Pre-Failure Warranty applies to certain hard drives, memory and processors for servers monitored by Compaq Insight Manager 2.0 or higher. For more information on support offerings for your Compaq hardware, contact your Compaq Authorized Service Provider.

[1] Certain restrictions and exclusions apply. Consult the Compaq Customer Support Center at 1-800-345-1518 for details.